

ARMSTRONG BROS. TOOL CO. "The Tool Holder People" CHICAGO, U.S.A.

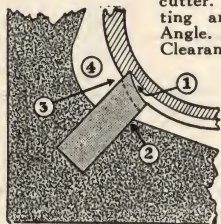
323 N. Francisco Ave., CHICAGO, U. S. A.
London Branch: ARMSTRONG BROS. TOOL CO., LTD.

ARMSTRONG BROS. Better PIPE TOOLS

Each ARMSTRONG BROS. pipe tool is an improved tool designed after exhaustive tests of other types and makes. They comprise the most complete line of hand pipe tools made; are strictly speaking "Better Pipe Tools" and should not be confused with other makes of similar name. You can always tell an ARMSTRONG BROS. Tool by the Arm-and-Hammer Trade Mark.

ARMSTRONG BROS. Solid Pipe Dies, Stocks and Sets

Designed by experts who have specialized for over 40 years in metal-cutting tools, these dies have many improved features, cut easier, faster and cut smoother threads. Chasers are of Vanadium Tool Steel—hold their sharpness; are cast-welded solidly into die bodies. Special design features include: (1) Clearance from Cutting Points—no "drag," tearing or jamming.

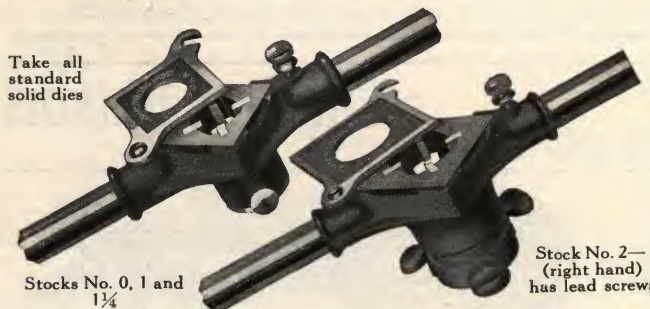


(2) Full support behind cutter. (3) Correct Cutting and Correct Throat Angle. (4) Ample Chip Clearance.



ARMSTRONG BROS. Stocks

Perfectly balanced with smooth bodies that fit in hand comfortably. Bodies of Certified Malleable Iron, black lacquered; accurately machined inside and out. Handles burnished, dull nickeled.



Take all standard solid dies

Stock No. 2—(right hand) has lead screws

Set No.	Number of Dies in Set	For Threading Pipe Size Inches	Dimensions of Dies Inches	Price Stock Without Dies or Guides	Price Extra Dies Each	Price of Set Complete
0	Four	$\frac{1}{8}$ to $\frac{1}{2}$	2 x 2 x $\frac{1}{2}$	\$3.00	\$1.40	\$ 8.00
1	Five	$\frac{3}{4}$ to 1	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{4}$	3.50	1.60	10.50
1-6	Six	$\frac{3}{8}$ to 1	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{4}$	3.50	1.60	12.00
1-5	Five	$\frac{3}{8}$ to $\frac{3}{4}$	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{4}$	3.50	1.60	10.50
1-3	Three	$\frac{3}{8}$ to $\frac{3}{4}$	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{4}$	3.50	1.60	7.50
1 $\frac{1}{2}$	Three	$\frac{3}{4}$ to 1 $\frac{1}{4}$	3 x 3 x $\frac{3}{4}$	4.00	2.00	9.50
1 $\frac{1}{2}$ -6	Six	$\frac{3}{4}$ to 1 $\frac{1}{4}$	3 x 3 x $\frac{3}{4}$	4.00	2.00	15.50
1 $\frac{1}{2}$ -4	Four	$\frac{3}{4}$ to 1 $\frac{1}{4}$	3 x 3 x $\frac{3}{4}$	4.00	2.00	11.50
2	Three	1 $\frac{1}{4}$ to 2	4 x 4 x $\frac{1}{2}$	8.50	2.50	14.50
2-4	Four	1 to 2	4 x 4 x $\frac{1}{2}$	8.50	2.50	17.00
2-5	Five	$\frac{3}{4}$ to 2	4 x 4 x $\frac{1}{2}$	8.50	2.50	19.50
2-6	Six	$\frac{3}{8}$ to 2	4 x 4 x $\frac{1}{2}$	8.50	2.50	22.00

ARMSTRONG BROS. Triplex Stock

Handy where range of sizes is limited to three with none larger than 1 inch. Eliminates need for carrying and changing of dies and bushings. Come equipped with dies— $\frac{1}{2}$ -inch, $\frac{3}{4}$ -inch and 1-inch unless otherwise specified.

Triplex Set No.	Dimensions of Dies $2\frac{1}{2}$ x $2\frac{1}{2}$ x $\frac{3}{4}$ Inch	Wt. Complete Lbs.	Stock Only Without Dies	Price Each Extra Dies	Price Complete
1-T	Triplex Stock with three Dies	11 $\frac{1}{2}$	\$7.50	\$1.60	\$12.25



Take all standard solid dies

ARMSTRONG BROS. Adjustable Dies, Stocks and Sets

Made of Vanadium Tool Steel, dies take a keen edge and hold it; require less muscle, cut smooth threads, cut faster. Design features include: "Backed-off" Chasers—clearance from cutting points. Correct Cutting Angle, Correct Throat Angle.



Take all standard adjustable dies



Stocks are accurately machined, inside and out. Bodies (Certified Malleable Iron) are free from sharp ridges. Black lacquered with handles dull nickeled.

Set No.	Pairs of Dies in Set	For Threading Pipe Size Inches	Price Stock Without Dies or Guides	Price Extra Dies Pair	Price of Set Complete
1-A	Four	$\frac{1}{8}$ to $\frac{1}{2}$	\$3.25	\$1.60	\$9.00
2-A	Five	$\frac{3}{4}$ to 1	4.00	2.00	12.00
2-A-6	Six	$\frac{3}{8}$ to 1	4.00	2.00	14.00
2-A-5	Five	$\frac{3}{8}$ to $\frac{3}{4}$	4.00	2.00	12.00
2 $\frac{1}{2}$ -A	Two*	$\frac{1}{8}$ to 1 $\frac{1}{4}$	5.25	3.50	14.00
2 $\frac{1}{2}$ -A-6	Four*	$\frac{1}{8}$ to 1 $\frac{1}{4}$	5.25	3.50	20.00
3-A	Three	1 $\frac{1}{4}$ to 2	7.00	4.50	18.00
3-A-4	Four	1 to 2	7.00	4.50	21.00
3-A-5	Five	$\frac{3}{4}$ to 2	7.00	4.50	24.00
3-A-6	Six	$\frac{1}{2}$ to 2	7.00	4.50	27.00

* $\frac{1}{2}$, $\frac{3}{4}$, 1 and 1 $\frac{1}{4}$ -inch No. 2 $\frac{1}{2}$ -A Sets are Double End Dies. The $\frac{1}{4}$ and $\frac{3}{8}$ are Single End; price \$2.50 per pair.

ARMSTRONG BROS. Reversible Ratchet Stock



Takes all standard dies

For tight places. Instantly reversible. Will thread pipe projecting but 1 inch. Takes all standard dies. Dies and guides included.

Set No.	For Threading Pipe Size—Inches	Dimensions of Dies Inches	Weight of Set Pounds	Price Stock Only	Price Extra Dies	Price of Set Complete
1-R	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{4}$	8 $\frac{3}{4}$	\$ 7.50	\$1.60	\$15.00
1-R-6	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{4}$	11 $\frac{1}{4}$	7.50	1.60	19.00
2-R	1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 2	4 x 4 x $\frac{1}{2}$	27	12.50	2.50	24.75
2-R-6	$\frac{1}{2}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$, 2	4 x 4 x $\frac{1}{2}$	34	12.50	2.50	31.25



ARMSTRONG BROS. Pipe Wrench

Patented Design, All Steel

Drop forged of steel and heat treated, has no frame. The Patented ball and socket nut gives increased flexibility and great strength. Side pull strain is taken up by two solid forged steel lugs which are reinforced or tied together by the recessed nut. Novel spring action insures proper gripping. Replacesable lower jaw.

Lgth In.	Capacity Inches	Wt. Lbs.	Handles	Yoke	Jaw or Yoke Pins	Nut	Spring Assembly	Insert Jaw	Mov-able Jaw	Com-plete Wrench
8	$\frac{1}{8}$ to $\frac{3}{4}$	$\frac{3}{4}$	\$1.25	\$0.15	\$0.03	\$0.25	\$0.05	\$0.55	\$0.70	\$ 2.20
10	$\frac{1}{4}$ to 1	1 $\frac{1}{2}$	1.75	.20	.04	.30	.06	.65	1.10	2.85
14	$\frac{3}{4}$ to 1 $\frac{1}{2}$	2 $\frac{1}{4}$	2.45	.35	.04	.45	.07	.85	1.50	3.85
18	$\frac{1}{2}$ to 2	4 $\frac{1}{2}$	3.50	.55	.04	.60	.08	.95	2.15	5.50
24	$\frac{3}{4}$ to 2 $\frac{1}{2}$	7 $\frac{1}{2}$	5.65	.80	.04	.80	.10	1.10	3.50	8.50
36	$\frac{1}{2}$ to 3 $\frac{1}{2}$	15 $\frac{1}{4}$	11.50	1.10	.05	1.40	.12	1.50	5.70	15.00



Do not confuse ARMSTRONG BROS. Pipe Tools with those of similar name. These pipe tools can be distinguished by the Arm-and-Hammer Trade Mark.



ARMSTRONG BROS. Pipe Cutters

HEAVY
DUTY

Improved design—end thrust absorbed by hardened steel nut. Bodies, certified malleable iron; Pins and Rollers Hardened Tool Steel. Feed Rod knurled, hardened at point, bears on inserted hardened steel block embedded in swinging arm. Large sizes tapped for pipe handle.

Comes with an ARMSTRONG BROS. Knife Blade Cutter Wheel. (See description below).

No.	Capacity Pipe, Inches	Weight Pounds	Price Pins Each	Price Rollers Each	Price Wheels Each	Price Complete Each
1-A	1/8 to 1 1/4	4	\$0.10	\$0.25	\$0.70	\$4.00
2-A	3/4 to 2	7 1/4	.15	.40	.80	6.00
3-A	1 1/2 to 3	12 3/4	.15	.40	.80	10.50
4-A	2 1/2 to 4	15 1/2	.20	.60	1.10	19.00

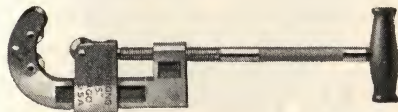
ARMSTRONG BROS. Standard (Saunders Type)
Pipe Cutters

The Body, Handle and Cutter Holder are certified malleable iron finished in black lacquer. Pins and Rollers are Tool Steel carefully machined and hardened. The Cutter Wheel is thin "knife blade" shape, made from a special Alloy Tool Steel, carefully hardened and heat treated to insure maximum strength and efficiency.



Parts are interchangeable with similar parts of Saunders Type Cutters of other makes.

No.	Capacity Pipe, Inches	Weight Pounds	Price Pins Each	Price Rollers Each	Price Wheels Each	Price Complete Each
1-S	1/8 to 1	3	\$0.10	\$0.24	\$0.50	\$3.00
2-S	1 to 2	6	.10	.32	.60	4.50
3-S	2 to 3	11 1/2	.15	.50	1.10	11.00
4-S	2 1/2 to 4	15	.15	.50	1.10	18.00
5-S	4 to 6	23	.15	.50	1.10	28.00

ARMSTRONG
BROS.
"Barnes Type"
3-Wheel
Pipe Cutters

Handy for tight places. 3-wheel design permits cutting of pipe with only short swing. Equipped with 3 ARMSTRONG BROS. Knife Blade Cutter Wheels.

Cutter No.	Capacity Pipe, Inches	Weight Pounds	Price Pins Each	Price Wheels Each	Price Complete Each
1-B	1/8 to 1	3	\$0.10	\$0.50	\$4.50
2-B	1/2 to 2	4	.10	.60	6.00
3-B	1 1/2 to 3	8	.10	.80	10.00
4-B	2 1/2 to 4	12	.20	1.00	20.00
5-B	4 to 6	20	.20	1.10	30.00

ARMSTRONG BROS.
Knife Blade Cutter Wheels

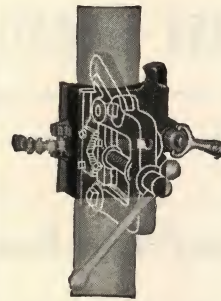
Make pipe cutting faster, easier. Have thin penetrating blades that actually cut. Special Alloy Tool Steel, accurately machined, heat treated, hardened and oil tempered. Cadmium plated to prevent rusting. Fit all standard pipe cutters.



Type of Pipe Cutter	No. 1 Price Each Knurled or Smooth Edge	No. 2 Price Each Knurled or Smooth Edge	No. 3 Price Each Knurled or Smooth Edge	No. 4 Price Each Knurled or Smooth Edge	No. 5 Price Each Knurled or Smooth Edge
Saunders	\$0.50	\$0.60	\$1.10	\$1.10	\$1.10
Barnes	.50	.60	.80	1.00	1.10
Nye	.70	.80			
Trimo	.60	.60	.90		
Armstrong Bros. (Heavy Duty)	.70	.80	.80	1.10	
Armstrong Bros. 3-inch Wheel	.50	.60	.80	1.00	1.10
Armstrong Bros. Standard	.50	.60	1.10	1.10	1.10



Look for the
Arm - and - Hammer
Trade Mark.
It guarantees a
better pipe tool—
an improved tool.

ARMSTRONG BROS.
Pipe Vise Saddle
(Pat. App. For)

A firm base for standard hinged, heavy duty and chain vices that attaches instantly to any round or square post. Complete with pipe bender. \$12.00

ARMSTRONG BROS.
Open Side Vise

Within its range (1/8-inch to 2 inches) combines: Strength, quick action, convenience and solid gripping. Price.....\$6.00

ARMSTRONG BROS.
Patented Chain Vise

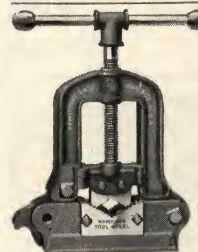
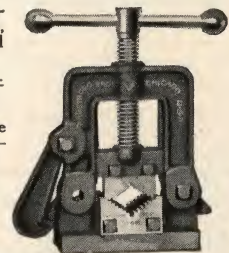
Light, compact, large capacity and strong. Goes into tool bag. One-piece, drop-forged jaws give full support to smallest pipe. Drop forged base and handle. Proof-tested chain.

No.	Holds Pipe Size Inches	Wt. Lbs.	Jaws Pair	Chain with Screw	Screw Only	Handle with Nut	Nut Only	Price Each Complete
1-C	1/8 to 2	4 1/2	\$3.00	\$2.50	\$0.80	\$2.20	\$1.40	\$7.00
2-C	1/4 to 4	12 1/2	7.00	4.80	1.40	4.20	2.70	15.00
3-C	1/2 to 6	18	12.00	9.00	2.50	7.00	4.00	27.00
4-C	3/4 to 8	30	18.00	12.00	2.50	7.00	4.00	36.00

ARMSTRONG
BROS.
Standard
Pipe Vise

Unbreakable Drop Forged Hook. Tool Steel Jaws, milled, hardened, tempered and tested.

No.	Holds Pipe Inches	Weight Pounds	Extra Jaws, Set of Three	Price Each Complete
7000	1/8 to 1 1/4	3	\$1.20	\$2.50
700	1/2 to 1 1/2	5	1.40	3.60
70	1/2 to 2	7 1/2	1.75	4.25
71	1/2 to 2 1/2	10	1.75	5.00
72	1/2 to 3 1/2	16	2.50	7.50
73	1/2 to 4 1/2	25	3.50	11.00
74	1/2 to 6	49	6.00	23.50

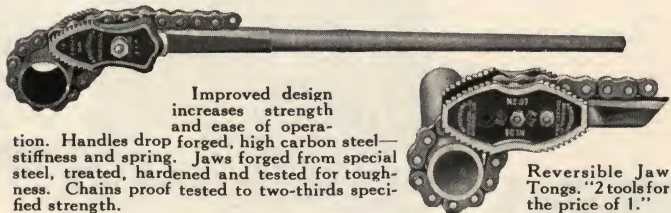


ARMSTRONG BROS. Heavy Duty Vise

Carefully designed for use where exceptional strength and stiffness are required. Jaws of Tool Steel with milled teeth, heat treated and oil tempered.

No.	Holds Pipe Size—Inches	Weight Each Pounds	Extra Jaws Set of Three	Price Each Complete
21	1/8 to 2 1/2	16	\$1.75	\$8.00
22	1/4 to 3 1/2	29	2.50	14.00
23	1/2 to 5	42	3.50	20.00
24	3/4 to 7	76	8.00	35.00

ARMSTRONG BROS. Chain Pipe Wrenches



Improved design increases strength and ease of operation. Handles drop forged, high carbon steel—stiffness and spring. Jaws forged from special steel, treated, hardened and tested for toughness. Chains proof tested to two-thirds specified strength.

Reversible Jaw
Tongs. "2 tools for
the price of 1."

Regular Tongs No.	10	11	12	13	13 1/2	14	15	15 1/2	16
Reversible Jaw Tongs No.	30	31	32	33	33 1/2	34	35		
Price:									
Complete Wrench	\$5.00	\$7.00	\$10.00	\$14.00	\$18.00	\$22.00	\$36.00	\$60.00	\$80.00
Capacity:									
Size Pipe	1/8-3/4	1/2-1 1/2	1/2-2 1/2	3/4-4	1-6	1 1/2-8	2-12	4-16	4-18
Extreme Length, Ins.	14	20	27	37	44	51	65	78	87
Weight, Pounds	1 3/4	6	10	16 1/2	23	32	53	95	137
Flat Link Chain:									
Length, Inches	9 1/2	13 1/2	17 1/2	22 1/2	32	40 1/2	55 1/2	70	74 1/2
Breaking Strain, Lbs.	3,600	6,700	9,800	12,500	14,300	15,700	21,800	30,000	40,000
Cable Chain:									
Length, Inches	9 1/2	14 1/2	18	27	33 1/2	42	57	72	76
Breaking Strain, Lbs.	1,200	4,000	6,000	10,500	12,500	15,000	19,000	28,000	40,000
Prices of Ext. Parts:									
Extra Chain	\$1.50	\$2.00	\$3.00	\$5.00	\$7.00	\$9.00	\$15.00	\$30.00	\$40.00
Extra Jaws, Pair	2.00	3.50	5.50	8.00	9.50	11.00	15.00	24.00	32.00
Extra Bolt and Nut, per Set	.28	.36	.46	.60	.70	.90	1.30	1.75	2.50